

**ATTACHMENT A
FOR
PROPOSED BUILDING STANDARDS
OF THE
DIVISION OF THE STATE ARCHITECT (DSA-AC)

REGARDING PROPOSED CHANGES TO
THE CALIFORNIA BUILDING CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2

2016 CALIFORNIA BUILDING CODE
INTERVENING CODE CYCLE**

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
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| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC Ch. 2, Sect. 202 Definitions |
| Topic: Definition of "Sign" |

Current Code Language

SIGN [DSA-AC] *An element composed of displayed textual, symbolic, tactile, and/or pictorial information.*

Suggested Text of Proposed Amendment

SIGN [DSA-AC] *An element composed of displayed textual, verbal, symbolic, tactile, and/or pictorial information.*

Code Text if Adopted

SIGN [DSA-AC] *An element composed of displayed textual, verbal, symbolic, tactile, and/or pictorial information.*

Rationale

During the 2015 Rulemaking Cycle DSA inadvertently deleted reference to "verbal" signs when the definition of *SIGNAGE* was amended to *SIGN*; DSA is proposing to reintroduce the reference to verbal signs in the definition of *SIGN*.

Comments

- 2013 California Building Code excerpt:

Chapter 2, Section 202 Definition of SIGNAGE: *Displayed verbal, symbolic, tactile, and/or pictorial information.*



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
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| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 10/14/16 |
| Status: | Under consideration |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC Ch. 2, Sect. 202 Definitions |
| Topic: Definition of "Technically Infeasible" |

Current Code Language

TECHNICALLY INFEASIBLE. An alteration of a building or a facility, that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features that are in full and strict compliance with the minimum requirements for new construction and which are necessary to provide accessibility.

Suggested Text of Proposed Amendment

TECHNICALLY INFEASIBLE. An alteration of a building or a facility, that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features that are in full and strict compliance with the minimum requirements of this code ~~for new construction~~ and which are necessary to provide accessibility.

Code Text if Adopted

TECHNICALLY INFEASIBLE. An alteration of a building or a facility, that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features that are in full and strict compliance with the minimum requirements of this code and which are necessary to provide accessibility.

Rationale

DSA has received comments from code users that the reference to "new construction" in the current definition is inappropriate. The code applies to work in both new and existing facilities and reference to compliance with the code removes confusion that the provisions might not apply for work in existing facilities.

DSA concurs with the Petitioner's assessment and has revised the definition as indicated above.

Comments



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
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| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC Chapter 9, 907.4.2 Manual fire alarm boxes. 907.4.2.2 Height, Exception. |
| Topic: Manual fire alarm pull boxes |

Current Code Language

907.4.2 Manual fire alarm boxes.

907.4.2.2 Height. The height of the manual fire alarm boxes shall be not less than 42 inches (1067 mm) and not more than 48 inches (1219 mm) measured vertically, from the floor level to the *highest point of the* activating handle or lever of the box. *Manual fire alarm boxes shall also comply with Section 11B309.4.*

Exception: [DSA-AC] In existing buildings there is no requirement to retroactively relocate existing manual fire alarm pull boxes to a minimum of 42 inches (1067mm) and a maximum of 48 inches (1219 mm) from the floor level to the activating handle or lever of the box.

Suggested Text of Proposed Amendment

907.4.2 Manual fire alarm boxes. ...

907.4.2.2 Height. The height of the manual fire alarm boxes shall be not less than 42 inches (1067 mm) and not more than 48 inches (1219 mm) measured vertically, from the floor level to the *highest point of the* activating handle or lever of the box. *Manual fire alarm boxes shall also comply with Section ~~11B309.4.~~ 11B-309.*

~~*Exception: [DSA-AC] In existing buildings there is no requirement to retroactively relocate existing manual fire alarm pull boxes to a minimum of 42 inches (1067mm) and a maximum of 48 inches (1219 mm) from the floor level to the activating handle or lever of the box.*~~

Code Text if Adopted

907.4.2 Manual fire alarm boxes.

907.4.2.2 Height. The height of the manual fire alarm boxes shall be not less than 42 inches (1067 mm) and not more than 48 inches (1219 mm) measured vertically, from the floor level to the *highest point of the* activating handle or lever of the box. *Manual fire alarm boxes shall also comply with Section 11B-309.*

Rationale

Current code regulates the reach range for manual alarm fire alarm pull boxes. DSA is proposing to expand the requirements to include compliance with *Section 11B-309 Operable parts*. This requires provision of clear floor space on an accessible route, height within reach ranges and operation with one hand without tight grasping, pinching or twisting of the wrist. In discussions with the Office of the State Fire Marshal (OSFM), their interpretation of the code requires access to manual fire alarm pull boxes for persons with disabilities in areas required to be accessible. In addition, the current code also regulates retroactive relocation of manual fire alarm pull boxes. It could be construed that during an alteration, when manual fire alarm boxes are included in the project, relocation to within a reach range complying with Chapter 11B is not required. Repealing this exception removes the possibility that existing manual fire alarm pull boxes, when part of an alteration, would not be relocated to within a compliant reach range. When manual fire alarm pull boxes are one of the elements modified during an alteration the boxes must be relocated within the required reach range. OSFM has no objection to the proposed amendments.

Comments

- DSA received comments during the Code Advisory Committee Meeting in July, 2015 suggesting that the exception to retroactively relocate existing manual fire alarm pull boxes should be repealed.
- DSA received comments during the Code Advisory Committee Meeting in July, 2015 related to the provisions for manual fire alarm pull boxes. The commenters suggested that manual fire alarm pull boxes should comply with *Section 11B-309 Operable parts*, in entirety rather than only *Section 11B-309.4*



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
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| Date Received: | - |
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| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC, Ch. 10, Sect. 1010.1.5 Exception 6 |
| Topic: Doors, Floor elevation, Exception at equipment spaces |

Current Code Language

1010.1 Doors. Means of egress doors shall meet...

1010.1.5 Floor elevation. There shall be a floor or landing on each side of a door. Such floor or landing shall be at the same elevation on each side of the door. Landings shall be level except for exterior landings, which are permitted to have a slope not to exceed 0.25 unit vertical in 12 units horizontal (2-percent slope).

Exceptions: ...

6. Doors serving equipment spaces not required to be accessible in accordance with Section 1103.2.9 and serving an occupant load of five or less shall be permitted to have a landing on one side to be not more than 7 inches (178 mm) above or below the landing on the egress side of the door.

Suggested Text of Proposed Amendment

1010.1 Doors. Means of egress doors shall meet...

1010.1.5 Floor elevation. There shall be a floor or landing on each side of a door. Such floor or landing shall be at the same elevation on each side of the door. Landings shall be level except for exterior landings, which are permitted to have a slope not to exceed 0.25 unit vertical in 12 units horizontal (2-percent slope).

Exceptions: ...

6. Doors serving equipment spaces not required to be accessible in accordance with Section ~~1103.2.9~~ 11B-203.5 and serving an occupant load of five or less shall be permitted to have a landing on one side to be not more than 7 inches (178 mm) above or below the landing on the egress side of the door.

Code Text if Adopted

1010.1 Doors. Means of egress doors shall meet...

1010.1.5 Floor elevation. There shall be a floor or landing on each side of a door. Such floor or landing shall be at the same elevation on each side of the door. Landings shall be level except for

exterior landings, which are permitted to have a slope not to exceed 0.25 unit vertical in 12 units horizontal (2-percent slope).

Exceptions: ...

6. Doors serving equipment spaces not required to be accessible in accordance with Section 11B-203.5 and serving an occupant load of five or less shall be permitted to have a landing on one side to be not more than 7 inches (178 mm) above or below the landing on the egress side of the door.

Rationale

CBC Chapter 1010.1.5 generally requires a level landing on each side of a means of egress door with exterior landings permitted a 2 percent slope to allow for water drainage. Several existing exceptions are provided; Exception 6 allows a seven inch step up or down from equipment spaces not required to be accessible and with an occupant load of five or less.

DSA proposes to amend Exception 6 of Chapter 10, Section 1010.1.5 to correct the International Building Code (IBC) reference to Section 1103.2.9 (in Chapter 11) and replace it with a reference to Section 11B-203.5 (in Chapter 11B). IBC Chapter 11 is not adopted for use in the CBC. Instead, DSA adopts Chapter 11B for accessibility provisions applicable to public buildings, public accommodations, commercial buildings and public housing. During the 2015 Rulemaking Cycle, DSA neglected to correct this reference.

CBC Section 11B-203.5 (Machinery spaces) addresses the same general exception as IBC Section 1103.2.9 (Equipment spaces); the main regulatory language is nearly identical with the CBC providing additional examples of machinery spaces. This is a change without regulatory effect.

Comments

- *International Building Code* excerpt:

1103.2.9 Equipment spaces. Spaces frequented only by service personnel for maintenance, repair or occasional monitoring of equipment are not required to comply with this chapter.

California Building Code excerpt:

11B-203.5 Machinery spaces. Spaces frequented only by service personnel for maintenance, repair or occasional monitoring of equipment shall not be required to comply with these requirements or to be on an accessible route. Machinery spaces include, but are not limited to, elevator pits or elevator penthouses; mechanical, electrical or communications equipment rooms; piping or equipment catwalks; water or sewage treatment pump rooms and stations; electric substations and transformer vaults; and highway and tunnel utility facilities.



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| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
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| Applicable Code Section(s): CBC Ch. 11B, Sec. 11B-202.3 |
| Topic: Alterations, Technically Infeasible exception |

Current Code Language

11B-202.3 Alterations. Where existing elements or spaces are altered, each altered element or space shall comply with the applicable requirements of *Division 2, including Section 11B-202.4*.

Exceptions:

1. **Reserved.**
2. **Technically infeasible.** In alterations, where *the enforcing authority determines* compliance with applicable requirements is technically infeasible, the alteration shall *provide equivalent facilitation* or comply with the requirements to the maximum extent feasible. *The details of the finding that full compliance with the requirements is technically infeasible shall be recorded and entered into the files of the enforcing agency.*

Suggested Text of Proposed Amendment

11B-202.3 Alterations. Where existing elements or spaces are altered, each altered element or space shall comply with the applicable requirements of *Division 2, including Section 11B-202.4*.

Exceptions:

1. **Reserved.**
2. **Technically infeasible.** In alterations, where *the enforcing authority determines* compliance with applicable requirements is technically infeasible, the alteration shall *provide equivalent facilitation* or comply with the requirements to the maximum extent feasible. *The details of the finding that full compliance with the requirements is technically infeasible shall be recorded and entered into the files of the enforcing agency.*

The phrase "to the maximum extent feasible," as used in this exception, applies to the occasional case where the nature of an existing facility makes it virtually impossible to comply fully with applicable accessibility standards through a planned alteration. In these circumstances, the alteration shall provide the maximum physical accessibility feasible. Any altered features of the facility that can be made accessible shall be made accessible. If providing accessibility in conformance with this section to individuals with certain disabilities (e.g., those who use wheelchairs) would not be feasible, the facility shall be made accessible to persons with other types of disabilities (e.g., those who use crutches, those who have impaired vision or hearing, or those who have other impairments).

Code Text if Adopted

11B-202.3 Alterations. Where existing elements or spaces are altered, each altered element or space shall comply with the applicable requirements of *Division 2, including Section 11B-202.4.*

Exceptions:

1. **Reserved.**
2. **Technically infeasible.** In alterations, where *the enforcing authority determines* compliance with applicable requirements is technically infeasible, the alteration shall *provide equivalent facilitation* or comply with the requirements to the maximum extent feasible. *The details of the finding that full compliance with the requirements is technically infeasible shall be recorded and entered into the files of the enforcing agency.*

The phrase “to the maximum extent feasible,” as used in this exception, applies to the occasional case where the nature of an existing facility makes it virtually impossible to comply fully with applicable accessibility standards through a planned alteration. In these circumstances, the alteration shall provide the maximum physical accessibility feasible. Any altered features of the facility that can be made accessible shall be made accessible. If providing accessibility in conformance with this section to individuals with certain disabilities (e.g., those who use wheelchairs) would not be feasible, the facility shall be made accessible to persons with other types of disabilities (e.g., those who use crutches, those who have impaired vision or hearing, or those who have other impairments).

Rationale

DSA has received comments indicating the phrase “to the maximum extent feasible” lacks specificity. DSA is proposing to incorporate clarifying language from the Americans with Disabilities Act – 28 CFR Part 36, Subpart D, §36.402(c).

Comments

- 28 CFR Part 36, Subpart D, §36.402(c):
“**To the maximum extent feasible.** The phrase “to the maximum extent feasible,” as used in this section, applies to the occasional case where the nature of an existing facility makes it virtually impossible to comply fully with applicable accessibility standards through a planned alteration. In these circumstances, the alteration shall provide the maximum physical accessibility feasible. Any altered features of the facility that can be made accessible shall be made accessible. If providing accessibility in conformance with this section to individuals with certain disabilities (e.g., those who use wheelchairs) would not be feasible, the facility shall be made accessible to persons with other types of disabilities (e.g., those who use crutches, those who have impaired vision or hearing, or those who have other impairments).”



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
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| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-202.4 Exception 2 |
| DSA Tracking Number: N/A | Topic: Path of Travel, Immediately Preceding Edition |
| Date Reviewed: 12/14/16 | |
| Status: CAC Item | |

Current Code Language

11B-202.4 Path of travel requirements in alterations, additions and structural repairs.

When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel...

Exceptions:

1. ...
2. *If the following elements of a path of travel have been constructed or altered in compliance with the accessibility requirements of the immediately preceding edition of the California Building Code it shall not be required to retrofit such elements to reflect the incremental changes in this code solely because of an alteration to an area served by those elements of the path of travel:*
 1. *A primary entrance to the building or facility,*
 2. *Toilet and bathing facilities serving the area,*
 3. *Drinking fountains serving the area,*
 4. *Public telephones serving the area, and*
 5. *Signs.*

Suggested Text of Proposed Amendment

11B-202.4 Path of travel requirements in alterations, additions and structural repairs.

When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel...

Exceptions:

1. ...
2. *If the following elements of a path of travel have been constructed or altered in compliance with the accessibility requirements of the immediately preceding edition of the California Building Code it shall not be required to retrofit such elements to reflect the incremental changes in this code solely because of an alteration to an area served by those elements of the path of travel:*
 1. *A primary entrance to the building or facility,*
 2. *Toilet and bathing facilities serving the area,*
 3. *Drinking fountains serving the area,*
 4. *Public telephones serving the area, and*
 5. *Signs.*

The language in this exception which refers to the "immediately preceding edition of the California Building Code," shall permit a reference back to one CBC edition only and is not accumulative to prior editions.

Code Text if Adopted

11B-202.4 Path of travel requirements in alterations, additions and structural repairs.

When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel...

Exceptions:

1. ...
2. *If the following elements of a path of travel have been constructed or altered in compliance with the accessibility requirements of the immediately preceding edition of the California Building Code it shall not be required to retrofit such elements to reflect the incremental changes in this code solely because of an alteration to an area served by those elements of the path of travel:*
 1. *A primary entrance to the building or facility,*
 2. *Toilet and bathing facilities serving the area,*
 3. *Drinking fountains serving the area,*
 4. *Public telephones serving the area, and*
 5. *Signs.*

The language in this exception which refers to the “immediately preceding edition of the California Building Code,” shall permit a reference back to one CBC edition only and is not accumulative to prior editions.

Rationale

During the 2015 Triennial Code Adoption cycle DSA received public comments from code users requesting clarification of the requirements of California’s provisions for Path of Travel upgrades triggered by alterations, additions or structural repairs. There have been instances when code users have argued that the reference to the “immediately preceding edition” of the code could be compounded to earlier editions of the code until an edition without the 11B-202.4 Exception 2 language was reached.

The intent of this provision is to allow compliance with the technical requirements from only ONE preceding edition of the code. The amended language makes clear the limitations of this exception.

Comments



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
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| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
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| Applicable Code Section(s): CBC Ch. 11B, Sec. 11B-203.9 |
| Topic: Employee Workstations |

Current Code Language

11B-203.9 Employee workstations. *Employee workstations shall be on an accessible route complying with Division 4. Spaces and elements within employee workstations shall only be required to comply with Sections 11B-207.1, 11B-215.3, 11B-302, 11B-303, and 11B-404.2.3. Common use circulation paths within employee workstations shall comply with Section 11B-206.2.8.*

Suggested Text of Proposed Amendment

11B-203.9 Employee workstations. *Employee workstations shall be on an accessible route complying with Division 4. Spaces and elements within employee workstations shall only be required to comply with Sections 11B-207.1, 11B-215.3, 11B-302, 11B-303, 11B-308.1.1, 11B-308.1.2, and 11B-404.2.3 unless exempted by other parts of this code. Common use circulation paths within employee workstations shall comply with Section 11B-206.2.8.*

Exception: *Receptacles, controls, and switches that are an integral part of workstation furnishings, fixtures, and equipment shall not be required to comply with 11B-308.1.1 and 11B-308.1.2.*

Code Text if Adopted

11B-203.9 Employee workstations. *Employee workstations shall be on an accessible route complying with Division 4. Spaces and elements within employee workstations shall only be required to comply with Sections 11B-207.1, 11B-215.3, 11B-302, 11B-303, 11B-308.1.1, 11B-308.1.2, and 11B-404.2.3 unless exempted by other parts of this code. Common use circulation paths within employee workstations shall comply with Section 11B-206.2.8.*

Exception: *Receptacles, controls, and switches that are an integral part of workstation furnishings, fixtures, and equipment shall not be required to comply with 11B-308.1.1 and 11B-308.1.2.*

Rationale

The California Building Code has accessibility requirements specific to employee work areas and employee workstations. Employee work areas require placement of electrical receptacles, controls, and switches within reach ranges according to the requirements of the code, unless listed under the exceptions of 11B-205.1. Code users have requested clarity whether the accessibility requirements for

electrical receptacles, controls, and switches applies to individual offices and workstations. The amendments to this provision clarify that electrical receptacles, controls, and switches in employee workstations are required to meet the accessibility provisions for reach ranges, unless listed under the exceptions of 11B-205.1. An exception to the reach range requirement has been provided for clarity, to address electrical receptacles, controls, and switches that are an integral part of workstation furnishings, fixtures, and equipment, and thus would not be subject to the accessibility provisions of the California Building Code.

Comments

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
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| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-206.2.1, 11B-206.4.10, 11B-208.1 Exc., 11B- 503.5 |
| Topic: Use of term "passenger drop-off and loading zone(s)" |

Current Code Language

11B-206.2.1 Site arrival points. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks...

11B-206.4.10 Medical care and long-term care facilities. *Weather protection...may exceed twenty-four hours. The area of weather protection shall include the passenger loading zone complying with Section 11B-209.3 and...*

11B-208.1 General. Where parking spaces are provided...

Exception: Parking spaces used exclusively for buses, trucks, other delivery vehicles, or vehicular impound shall not be required to comply with *Section 11B-208* provided that lots accessed by the public are provided with a passenger loading zone complying with...

11B-503.5 Vertical clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone and from the passenger loading zone to a vehicular exit...

Suggested Text of Proposed Amendment

11B-206.2.1 Site arrival points. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger drop-off and loading zones; public streets and sidewalks...

11B-206.4.10 Medical care and long-term care facilities. *Weather protection...may exceed twenty-four hours. The area of weather protection shall include the passenger drop-off and loading zone complying with Section 11B-209.3 and...*

11B-208.1 General. Where parking spaces are provided...

Exception: Parking spaces used exclusively for buses, trucks, other delivery vehicles, or vehicular impound shall not be required to comply with *Section 11B-208* provided that lots accessed by the public are provided with a passenger drop-off and loading zone complying with...

11B-503.5 Vertical clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger drop-off and loading zone and from the passenger drop-off and loading zone to a vehicular exit...

Code Text if Adopted

11B-206.2.1 Site arrival points. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger *drop-off and loading zones*; public streets and sidewalks...

11B-206.4.10 Medical care and long-term care facilities. *Weather protection...may exceed twenty-four hours. The area of weather protection shall include the passenger drop-off and loading zone complying with Section 11B-209.3 and...*

11B-208.1 General. Where parking spaces are provided...

Exception: Parking spaces used exclusively for buses, trucks, other delivery vehicles, or vehicular impound shall not be required to comply with *Section 11B-208* provided that lots accessed by the public are provided with a passenger *drop-off and loading zone* complying with...

11B-503.5 Vertical clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger *drop-off and loading zone* and from the passenger *drop-off and loading zone* to a vehicular exit...

Rationale

During the 2015 Rulemaking Cycle DSA amended Chapter 11B in several locations to use the term “passenger drop-off and loading zone” in place of the term “passenger loading zone.” DSA inadvertently overlooked four instances where this change should have been applied. DSA is proposing to replace the term “passenger loading zone” with “passenger drop-off and loading zone” in Sections 11B-206.2.1, 11B-206.4.10, 11B-208.1 Exception, and 11B-503.5.

Comments

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
|--------------------------|---|
| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-233.3.1.2.4 |
| DSA Tracking Number: N/A | Topic: Multi-story residential dwelling units |
| Date Reviewed: 12/13/16 | |
| Status: CAC Item | |

Current Code Language

11B-233 Residential facilities

11B-233.3 Public housing facilities. *Public housing facilities...*

11B-233.3.1 Minimum number: new construction. *Newly constructed...*

11B-233.3.1.2 Residential dwelling units with mobility features. *In public housing...*

11B-233.3.1.2.4 Multi-story residential dwelling units. *In elevator buildings, public housing facilities with multi-story residential dwelling units shall comply with the following:*

- 1. The primary entry of the multi-story residential dwelling unit shall be on an accessible route. In buildings with elevators the primary entry shall be on the floor served by the elevator.*
- 2. At least one powder room or bathroom shall be located on the primary entry level.*
- 3. Rooms or spaces located on the primary entry level shall be served by an accessible route and comply with Chapter 11A, Division IV – Dwelling Units features.*

Exception: *In non-elevator buildings, a minimum of 10 percent but not less than one of the ground floor multi-story residential dwelling units shall comply with Section 11B-233.3.1.2.4, calculated using the total number of multi-story residential dwelling units in buildings on a site.*

Suggested Text of Proposed Amendment

11B-233 Residential facilities

11B-233.3 Public housing facilities. *Public housing facilities...*

11B-233.3.1 Minimum number: new construction. *Newly constructed...*

11B-233.3.1.2 Residential dwelling units with mobility features. *In public housing...*

11B-233.3.1.2.4 Multi-story residential dwelling units in buildings with one or more elevators. *In elevator buildings, public housing facilities with multi-story residential dwelling units shall comply with the following:*

1. *The primary entry of the multi-story residential dwelling unit shall be on an accessible route on the floor served by the elevator. ~~In buildings with elevators the primary entry shall be on the floor served by the elevator.~~*
2. *At least one powder room or bathroom and kitchen shall be located on the primary entry level.*
3. *Rooms or spaces located on the primary entry level shall be served by an accessible route and comply with Chapter 11A, Division IV – Dwelling Units features.*

Exception: 11B-233.3.1.2.5 Multi-story residential dwelling units in buildings with no elevator. *~~In non-elevator buildings, In non-elevator buildings in public housing facilities, a minimum of 10 percent but not less than one of the ground floor multi-story residential dwelling units shall comply with Section 11B-233.3.1.2.4, be~~ calculated using the total number of multi-story residential dwelling units in buildings on a site and shall comply with the following:*

1. *The primary entry of the multi-story residential dwelling unit shall be on an accessible route.*
2. *At least one powder room or bathroom shall be located on the primary entry level.*
3. *Rooms or spaces located on the primary entry level shall be served by an accessible route and comply with Chapter 11A, Division IV – Dwelling Units features.*

~~11B-233.3.1.2.5~~ 11B-233.3.1.2.6 Public housing facility site impracticality.

Code Text if Adopted

11B-233 Residential facilities

11B-233.3 Public housing facilities. Public housing facilities...

11B-233.3.1 Minimum number: new construction. Newly constructed...

11B-233.3.1.2 Residential dwelling units with mobility features. In public housing...

11B-233.3.1.2.4 Multi-story residential dwelling units in buildings with one or more elevators. *In elevator buildings, public housing facilities with multi-story residential dwelling units shall comply with the following:*

1. *The primary entry of the multi-story residential dwelling unit shall be on an accessible route on the floor served by the elevator.*
2. *At least one powder room or bathroom and kitchen shall be located on the primary entry level.*
3. *Rooms or spaces located on the primary entry level shall be served by an accessible route and comply with Chapter 11A, Division IV – Dwelling Units features.*

11B-233.3.1.2.5 Multi-story residential dwelling units in buildings with no elevator. *In non-elevator buildings in public housing facilities, a minimum of 10 percent but not less than one of the ground floor multi-story residential dwelling units shall be calculated using the*

total number of multi-story residential dwelling units in buildings on a site and shall comply with the following:

- 1. The primary entry of the multi-story residential dwelling unit shall be on an accessible route.*
- 2. At least one powder room or bathroom shall be located on the primary entry level.*
- 3. Rooms or spaces located on the primary entry level shall be served by an accessible route and comply with Chapter 11A, Division IV – Dwelling Units features.*

11B-233.3.1.2.6 Public housing facility site impracticality.

Rationale

The Fair Housing Act (FHA) requires usable kitchens and bathrooms on an accessible route in covered multifamily dwellings. In a joint statement issued by the United States Department of Justice and the Department of Housing and Urban Development on April 30, 2013 this provision was further clarified. In multi-story dwellings in buildings with one or more elevators a kitchen is required in addition to a bathroom or powder room on the first floor. Subsequent to the publication of this document HCD amended Chapter 11A, Section 1102A.3.2 to require a kitchen on the first floor of multi-story dwellings in buildings with one or more elevators. DSA is proposing this amendment for consistency with the FHA and to align the scoping provision in Chapter 11B with Chapter 11A. This amendment also addresses a comment from HCD to change the exception for non-elevator building to a sub section.

Comments



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
|--------------------------|---|
| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-245.3 |
| DSA Tracking Number: N/A | |
| Date Reviewed: 12/14/16 | Topic: Public accommodations in private residences |
| Status: CAC Item | |

Current Code Language

11B-245 Public accommodations located in private residences...

11B-245.3 Accessible elements required. *The accessible portion of the residence extends to those elements used to enter the commercial facility, including the front sidewalk, if any, the door or entryway, and hallways; and those portions of the residence, interior or exterior, available to or used by employees or visitors of the commercial facility, including restrooms.*

Suggested Text of Proposed Amendment

11B-245 Public accommodations located in private residences...

11B-245.3 Accessible elements required. *The accessible portion of the residence extends to those elements used to enter the ~~commercial facility~~ public accommodation, including the front sidewalk, if any, the door or entryway, and hallways; and those portions of the residence, interior or exterior, available to or used by employees or visitors of the ~~commercial facility~~ public accommodation, including restrooms.*

Code Text if Adopted

11B-245 Public accommodations located in private residences...

11B-245.3 Accessible elements required. *The accessible portion of the residence extends to those elements used to enter the public accommodation, including the front sidewalk, if any, the door or entryway, and hallways; and those portions of the residence, interior or exterior, available to or used by employees or visitors of the public accommodation, including restrooms.*

Rationale

During the 2015 Rulemaking Cycle DSA amended Chapter 11B, Section 11B-245 in several locations to use the term “public accommodation” in place of the term “commercial facility.” DSA inadvertently overlooked two instances in Section 11B-245.3 where this change should have been applied. DSA is proposing to replace the term “public accommodation” with “commercial facility” in Section 11B-245.3.

Comments



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
|--------------------------|---|
| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sec. 11B-306.2.3 Ex 2, 11B-306.3.3 Ex 2 |
| DSA Tracking Number: N/A | Topic: Toe and knee clearance at picnic tables |
| Date Reviewed: 12/14/16 | |
| Status: CAC Item | |

Current Code Language

11B-306 Knee and Toe Clearance

11B-306.2 Toe clearance ...

11B-306.2.3 Minimum required depth. Where toe clearance is required at an element...

Exceptions:...

2. *The toe clearance shall extend 19 inches (483 mm) minimum under built-in dining and work surfaces required to be accessible by Section 11B-226.1.*

...

11B-306.3 Knee clearance ...

11B-306.3.3 Minimum required depth. Where knee clearance is required under an element...

Exceptions:...

2. *At dining and work surfaces required to be accessible by Section 11B-226.1, knee clearance shall extend 19 inches (483 mm) deep minimum at 27 inches (686 mm) above the finish floor or ground.*

Suggested Text of Proposed Amendment

11B-306 Knee and Toe Clearance

11B-306.2 Toe clearance ...

11B-306.2.3 Minimum required depth. Where toe clearance is required at an element...

Exceptions:...

2. *The toe clearance shall extend 19 inches (483 mm) minimum under built-in dining and work surfaces required to be accessible ~~by Section 11B-226.1.~~*

...

11B-306.3 Knee clearance ...

11B-306.3.3 Minimum required depth. Where knee clearance is required under an element...

Exceptions:...

2. At dining and work surfaces required to be accessible ~~by Section 11B-226.4~~, knee clearance shall extend 19 inches (483 mm) deep minimum at 27 inches (686 mm) above the finish floor or ground.

Code Text if Adopted

11B-306 Knee and Toe Clearance

11B-306.2 Toe clearance ...

11B-306.2.3 Minimum required depth. Where toe clearance is required at an element...

Exceptions:...

2. The toe clearance shall extend 19 inches (483 mm) minimum under built-in dining and work surfaces required to be accessible.

...

11B-306.3 Knee clearance ...

11B-306.3.3 Minimum required depth. Where knee clearance is required under an element...

Exceptions:...

2. At dining and work surfaces required to be accessible, knee clearance shall extend 19 inches (483 mm) deep minimum at 27 inches (686 mm) above the finish floor or ground.

Rationale

Current scoping requirements in CBC Section 11B-226 state five percent of dining and work surfaces are required to comply with Section 11B-902 (ie. required to be accessible). CBC Section 11B-306.2.3 Exception 2 and Section 11B-306.3.3 Exception 3 require toe and knee clearance, respectively, at dining and work surfaces required to be accessible by Section 11B-226.1; these clearances require larger toe and knee clearances than are required at other elements. However, current code language does not apply these larger toe and knee clearances to other dining and work surfaces required to be accessible by code sections other than Section 11B-226.1.

DSA is proposing to amend the code to apply these larger toe and knee clearances to all dining and work surfaces required to be accessible. This includes picnic tables required to be accessible by Section 11B-246.5. DSA is proposing to delete the specific reference to "by Section 11B-226.1" from Section 11B-306.2.3 Exception 2 and Section 11B-306.3.3 Exception 3.

Comments

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
|----------------------|----------|
| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): 11B-404.2.4.3, Figure 11B-404.2.4.3(a) |
| Topic: Maneuvering clearance at recessed doors and gates |

Current Code Language

11B-404.2.4.3 Recessed doors and gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (457 mm) of the latch side at *an interior doorway*, or *within 24 inches (610 mm) of the latch side of an exterior doorway*, projects more than 8 inches (203 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

Proposed Amendment

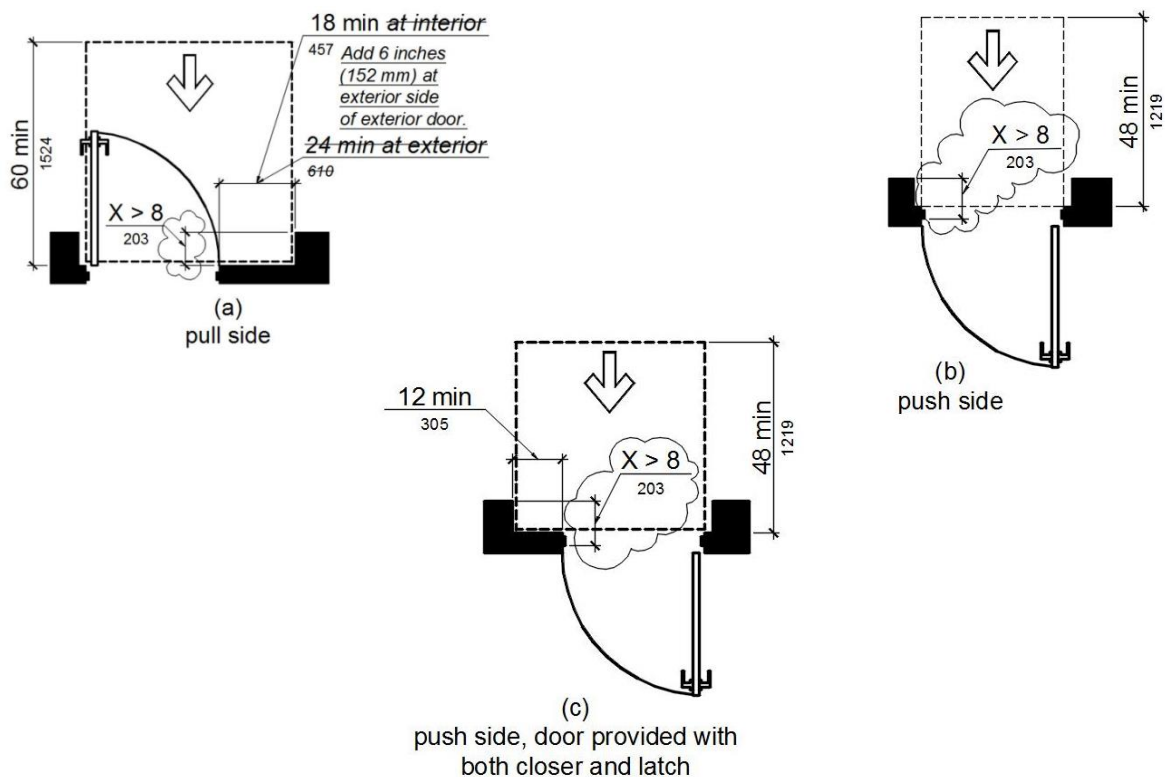


Figure 11B-404.2.4.3
Maneuvering Clearances at Recessed Doors and Gates

Code Text if Adopted

N/A

Rationale

CBC Section 11B-404.2.6 requires maneuvering clearance for forward approach when any obstruction within 24 inches of the latch side of an exterior doorway projects more than 8 inches beyond the face of the door; this requirement is illustrated in Figure 11B-404.2.4.3(a). However, the maneuvering clearance dimensions for the strike side clearance width are not consistent with Figure 11B-404.2.4.1(a) which illustrates the required maneuvering clearance for forward approach at an exterior door which is not recessed. DSA proposes to amend the latch side clearance width dimension in Figure 11B-404.2.4.3(a) to be consistent with Figure 11B-404.2.4.1(a); this dimension will read: "18 min" followed by "Add 6 inches (152 mm) at exterior side of exterior door."

Also, amendments to vignettes (b) and (c) will correctly illustrate the code requirements that the alcove dimension is measured from the face of the door rather than the wall.

Comments

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
|----------------------|----------|
| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-604.7 |
| Topic: Sanitary Napkin Disposal Units |

Current Code Language

11B-604 Water closets and toilet compartments...

11B-604.7 Dispensers. Toilet paper dispensers shall comply with *Section 11B-309.4* and shall be 7 inches (178 mm) minimum and 9 inches (229 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be *below the grab bar, 19 inches (483 mm) minimum* above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

Suggested Text of Proposed Amendment

11B-604 Water closets and toilet compartments...

11B-604.7 Dispensers and disposal units. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7.

11B-604.7.1 Dispensers. Toilet paper dispensers shall comply with *Section 11B-309.4* and shall be 7 inches (178 mm) minimum and 9 inches (229 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be *below the grab bar, 19 inches (483 mm) minimum* above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

11B-604.7.2 Disposal units. Sanitary napkin disposal units, if provided, shall comply with Section 11B-309.4 and shall be wall mounted and located on the sidewall between the rear wall of the toilet and the toilet paper dispenser, adjacent to the toilet paper dispenser. The disposal unit shall be located below the grab bar, with the opening of the disposal unit 19" minimum (483 mm).above the finish floor. Combination accessory units are not permitted to encroach into the space required by Section 11B-609.3.

Code Text if Adopted

11B-604 Water closets and toilet compartments...

11B-604.7 Dispensers and disposal units. *Toilet paper dispensers and feminine hygiene disposal units shall comply with Section 11B-604.7.*

11B-604.7.1 Dispensers. Toilet paper dispensers shall comply with Section 11B-309.4 and shall be 7 inches (178 mm) minimum and 9 inches (229 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be *below the grab bar*, 19 inches (483 mm) minimum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

11B-604.7.2 Disposal units. Sanitary napkin disposal units, if provided, shall comply with Section 11B-309.4 and shall be wall mounted and located on the sidewall between the rear wall of the toilet and the toilet paper dispenser, adjacent to the toilet paper dispenser. The disposal unit shall be located below the grab bar, with the opening of the disposal unit 19" minimum (483 mm).above the finish floor. Combination accessory units are not permitted to encroach into the space required by Section 11B-609.3.

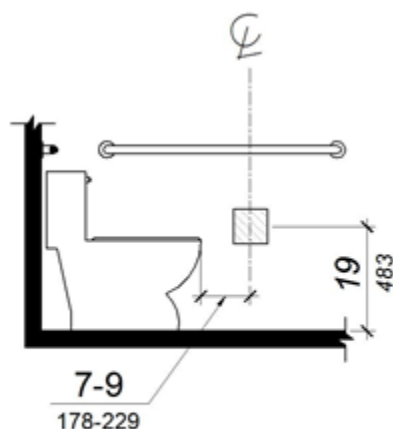
Rationale

DSA received a specific request to address placement of sanitary napkin disposal units to be in a location accessible to a user of the water closet. DSA is proposing to reorganize Section 11B-604.7 to move the existing requirements of Section 11B-604.7 into a new subsection 11B-604.7.1 and add a new subsection 11B-604.7.2 with new requirements for sanitary napkin disposal units.

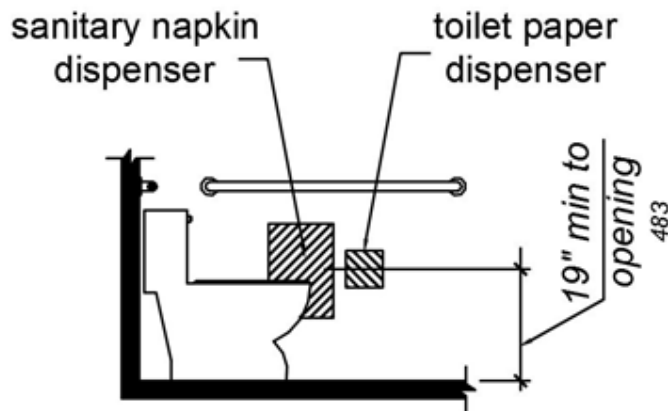
DSA is proposing a related change to renumber Figure 11B-604.7 to Figure 11B-604.7.1 and add a new figure 11B-604.7.2 illustrating the new requirements for sanitary napkin disposal units.

Comments

- The title of Figure 11B-604.7 will be changed to Figure 11B-604.7.1. Figure 11B-604.7.2 will be added to the California Building Code.



**FIGURE 11B-604.7.1
DISPENSER OUTLET LOCATION**



**FIGURE 11B-604.7.2
DISPOSAL UNIT LOCATION**



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
|--------------------------|---|
| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-703.7.2.1 |
| DSA Tracking Number: N/A | |
| Date Reviewed: 12/14/16 | Topic: International Symbol of Accessibility dimension points, border |
| Status: CAC Item | |

Current Code Language

11B-703 Signs

11B-703.7 Symbols of accessibility...

11B-703.7.2 Symbols

11B-703.7.2.1 International Symbol of Accessibility. The International Symbol of Accessibility shall comply with Figure 11B-703.7.2.1. *The symbol shall consist of a white figure on a blue background. The color blue shall approximate FS 15090 in Federal Standard 595C.*

Suggested Text of Proposed Amendment

11B-703 Signs

11B-703.7 Symbols of accessibility...

11B-703.7.2 Symbols

11B-703.7.2.1 International Symbol of Accessibility. The International Symbol of Accessibility shall comply with Figure 11B-703.7.2.1. *The symbol shall consist of a white figure on a blue background. The color blue shall approximate FS 15090 in Federal Standard 595C. A border may be provided inside or outside of the minimum required ISA dimension.*

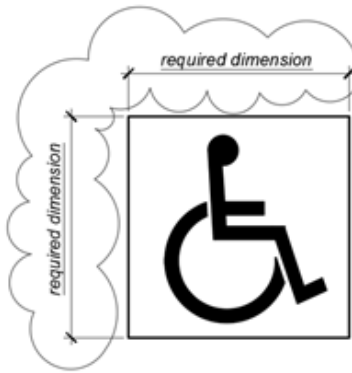


Figure 11B-703.7.2.1
International Symbol of Accessibility

Code Text if Adopted

11B-703 Signs

11B-703.7 Symbols of accessibility...

11B-703.7.2 Symbols

11B-703.7.2.1 International Symbol of Accessibility. The International Symbol of Accessibility shall comply with Figure 11B-703.7.2.1. *The symbol shall consist of a white figure on a blue background. The color blue shall approximate FS 15090 in Federal Standard 595C. A border may be provided inside or outside of the minimum required ISA dimension.*

Rationale

This amendment addresses two issues: 1) explicitly allows a border to be placed around the International Symbol of Accessibility (ISA); and 2) clarifies the appropriate dimension point to be used when applying the minimum required size of the ISA in various conditions.

DSA has received a number of questions about whether a border is required around the ISA in various locations (e.g. at entrances, elevators, toilet rooms and bathing rooms, check-out aisles, and parking spaces). In response, DSA notes the text of the building code does not require a border around the ISA. DSA is proposing to add permissive language to Section 11B-703.7.2.1 which allows a border to be provided at any ISA – either inside or outside the applicable minimum required ISA dimension.

DSA is also proposing to amend Figure 11B-703.7.2.1 to address general confusion about whether the size of an ISA is to be measured to the extent of the person and wheelchair graphic or to the rectangular boundary depicted in Figure 11B-703.7.2.1. DSA's amendment adds dimension lines with the text "required dimension" to indicate the minimum required size of the ISA is to be measured to the boundary. This is consistent with the code text which requires the ISA to "...comply with Figure 11B-703.7.2.1."

Comments

-

DSA CODE AMENDMENT DEVELOPMENT

| Tracking | | Applicable Code |
|----------------------|----------|---|
| Date Received: | - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-703.7.2.6 |
| DSA Tracking Number: | N/A | |
| Date Reviewed: | 12/14/16 | Topic: Toilet and bathing facilities geometric symbols |
| Status: | CAC Item | |

Current Code Language

11B-703 Signs...

11B-703.7 Symbols of accessibility...

11B-703.7.2 Symbols...

11B-703.7.2.6 Toilet and bathing facilities geometric symbols. Geometric symbols at entrances to toilet and bathing rooms...

11B-703.7.2.6.1 Men's toilet and bathing facilities. An equilateral triangle, 1/4 inch (6.4 mm) thick with edges 12 inches (305 mm) long and a vertex pointing upward, shall be located at entrances to men's toilet and bathing facilities. The triangle symbol shall contrast with the door, either light on a dark background or dark on a light background.

Exception: Within secure perimeter...

11B-703.7.2.6.2 Women's toilet and bathing facilities. A circle, 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter, shall be located at entrances to women's toilet and bathing facilities. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background.

Exception: Within secure perimeter...

11B-703.7.2.6.3 Unisex toilet and bathing facilities. A circle, 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter with a 1/4 inch (6.4 mm) thick triangle with a vertex pointing upward, superimposed on and geometrically inscribed within the circle and within the 12-inch (305 mm) diameter, shall be provided at entrances to unisex toilet and bathing facilities. The vertices of the triangle shall be located 1/4 inch (6.4 mm) maximum from the edge of the circle. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background.

Suggested Text of Proposed Amendment

11B-703 Signs...

11B-703.7 Symbols of accessibility...

11B-703.7.2 Symbols...

11B-703.7.2.6 Toilet and bathing facilities geometric symbols. Geometric symbols at entrances to toilet and bathing rooms...

11B-703.7.2.6.1 Men's toilet and bathing facilities. ~~An equilateral triangle, A triangle symbol shall be located at entrances to men's toilet and bathing facilities. The triangle symbol shall be an equilateral triangle~~ 1/4 inch (6.4 mm) thick with edges 12 inches (305 mm) long and a vertex pointing upward, ~~shall be located at entrances to men's toilet and bathing facilities. The color of the triangle symbol shall contrast with the color of the door or surface on which the triangle symbol is mounted,~~ either light on a dark background or dark on a light background.

Exception: Within secure perimeter...

11B-703.7.2.6.2 Women's toilet and bathing facilities. ~~A circle symbol shall be located at the entrance to woman's toilet and bathing facilities. The circle symbol shall be A circle, 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter, shall be located at entrances to women's toilet and bathing facilities. The color of the circle symbol shall contrast with the color of the door or surface on which it is mounted,~~ either light on a dark background or dark on a light background.

Exception: Within secure perimeter...

11B-703.7.2.6.3 Unisex toilet and bathing facilities. ~~A circle, 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter with a 1/4 inch (6.4 mm) thick triangle with a vertex pointing upward, superimposed on and geometrically inscribed within the circle and within the 12-inch (305 mm) diameter, shall be provided at entrances to unisex toilet and bathing facilities. The vertices of the triangle shall be located 1/4 inch (6.4 mm) maximum from the edge of the circle. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. A combined circle and triangle symbol shall be located at entrances to unisex toilet and bathing facilities. The combined circle and triangle symbol shall consist of a circle symbol 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter with a 1/4 inch (6.4 mm) thick equilateral triangle symbol superimposed on and geometrically inscribed within the 12-inch (305 mm) diameter of the circle symbol. The vertices of the triangle symbol shall be located 1/4 inch (6.4 mm) maximum from the edge of the circle symbol with a vertex pointing upward. The color of the triangle symbol shall contrast with the color of the circle symbol, either light on a dark background or dark on a light background. The color of the circle symbol shall contrast with the color of the door or surface on which the combined circle and triangle symbol is mounted, either light on a dark background or dark on a light background.~~

Code Text if Adopted

11B-703 Signs...

11B-703.7 Symbols of accessibility...

11B-703.7.2 Symbols...

11B-703.7.2.6 Toilet and bathing facilities geometric symbols. *Geometric symbols at entrances to toilet and bathing rooms...*

11B-703.7.2.6.1 Men's toilet and bathing facilities. *A triangle symbol shall be located at entrances to men's toilet and bathing facilities. The triangle symbol shall be an equilateral triangle 1/4 inch (6.4 mm) thick with edges 12 inches (305 mm) long and a vertex pointing upward. The color of the triangle symbol shall contrast with the color of the door or surface on which the triangle symbol is mounted, either light on a dark background or dark on a light background.*

Exception: *Within secure perimeter...*

11B-703.7.2.6.2 Women's toilet and bathing facilities. *A circle symbol shall be located at the entrance to woman's toilet and bathing facilities. The circle symbol shall be 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter. The color of the circle symbol shall contrast with the color of the door or surface on which it is mounted, either light on a dark background or dark on a light background.*

Exception: *Within secure perimeter...*

11B-703.7.2.6.3 Unisex toilet and bathing facilities. *A combined circle and triangle symbol shall be located at entrances to unisex toilet and bathing facilities. The combined circle and triangle symbol shall consist of a circle symbol 1/4 inch (6.4 mm) thick and 12 inches (305 mm) in diameter with a 1/4 inch (6.4 mm) thick equilateral triangle symbol superimposed on and geometrically inscribed within the 12-inch (305 mm) diameter of the circle symbol. The vertices of the triangle symbol shall be located 1/4 inch (6.4 mm) maximum from the edge of the circle symbol with a vertex pointing upward. The color of the triangle symbol shall contrast with the color of the circle symbol, either light on a dark background or dark on a light background. The color of the circle symbol shall contrast with the color of the door or surface on which the combined circle and triangle symbol is mounted, either light on a dark background or dark on a light background.*

Rationale

During the 2015 Triennial Code Adoption cycle DSA received public comments from code users requesting clarification of California's enhanced provisions for the identification of toilet and bathing facilities.

These code sections require the provision of geometric symbols to enable individuals who are blind or with low vision to locate the entrances to toilet and bathing facilities. For individuals with low vision the current language requires the geometric symbols to contrast with the door on which they are mounted but is silent on any contrast requirements when the entrance to a toilet and bathing facility does not have a door. This situation is frequently encountered at sports arenas, airports, concert halls and other facilities with a large number of occupants.

DSA also received comments indicating confusion on whether or not requirements for signs apply to the geometric symbols. The language of the provisions has been clarified to indicate the triangle, circle

and combined circle and triangle are symbols; any signs provided to designate toilet and bathing facilities need to comply with distinct requirements in other parts of the code.

The proposed code amendments make specific the requirements for contrast between the geometric symbols and the surfaces on which they are mounted and clarify that they are symbols and not signs. There are no other substantive changes proposed beyond the clarifications noted above.

Comments

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | |
|----------------------|----------|
| Date Received: | - |
| DSA Tracking Number: | N/A |
| Date Reviewed: | 12/14/16 |
| Status: | CAC Item |

| Applicable Code |
|---|
| Applicable Code Section(s): CBC Ch. 11B, Figure 11B-705.1(a) |
| Topic: Truncated dome height |

Current Code Language

11B-705.1.1.1 Dome size. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inch (22.9 mm) minimum and 0.92 inch (23.4 mm) maximum, a top diameter of 0.45 inch (11.4 mm) minimum and 0.47 inch (11.9 mm) maximum, and a height of 0.2 inch (5.1 mm).

Proposed Amendment

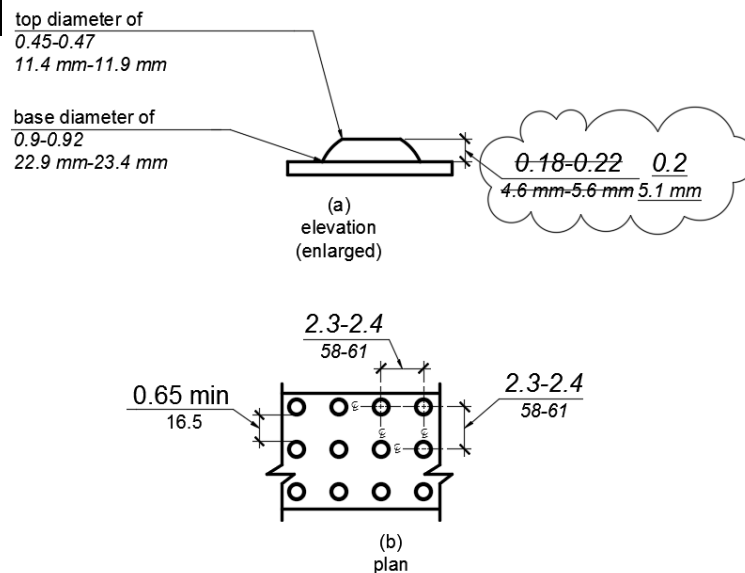


Figure 11B-705.1
Size and Spacing of Truncated Domes

Code Text if Adopted

N/A

Rationale

During the 2015 Rulemaking Cycle DSA amended Chapter 11B, Section 11B-705.1.1.1 to align the requirements for truncated dome height with the 2010 ADA Standards for Accessible Design. DSA

inadvertently neglected to make the corresponding change to Figure 11B-705.1(a). DSA is proposing to amend Figure 11B-705.1(a) to correspond with Section 11B-705.1.1.1. The revision occurs to the dimension in the figure for the height of the truncated domes. The proposed amendment will align the dimension in the figure to the code text.

Comments



DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
|--------------------------|---|
| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-812.5.2 |
| DSA Tracking Number: N/A | |
| Date Reviewed: 12/14/16 | Topic: Accessible route to EV charger |
| Status: CAC Item | |

Current Code Language

11B-812 Electric vehicle charging stations...

11B-812.5 Accessible routes...

11B-812.5.2 Accessible route to EV charger. An accessible route complying with Section 11B-402 shall be provided between the vehicle space and the EV charger which serves it.

Suggested Text of Proposed Amendment

11B-812 Electric vehicle charging stations...

11B-812.5 Accessible routes...

11B-812.5.2 Accessible route to EV charger. An accessible route complying with Section 11B-402 shall ~~be provided between~~ connect the vehicle space and the EV charger which serves it.

Code Text if Adopted

11B-812 Electric vehicle charging stations...

11B-812.5 Accessible routes...

11B-812.5.2 Accessible route to EV charger. An accessible route complying with Section 11B-402 shall connect the vehicle space and the EV charger which serves it.

Rationale

DSA received comments from code users that the current language in Section 11B-812.5.2 was being misinterpreted to require an accessible route to be physically located so as to pass between the EV charger and the EVCS vehicle space which the EV charger serves.

This was not the intent of the original code provision; such a configuration would pose significant challenges to avoid conflicts with vehicle overhangs and blockage of the accessible route with deployed

charging cables. The intent of the code requirement is to ensure there is an accessible route connecting the EVCS vehicle space with the EV charger that serves that space so that a user with mobility challenges may connect their vehicle to the EV charger. DSA is proposing to amend Section 11B-812.5.2 to require an accessible route between the vehicle space and the EV charger.

Comments

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DSA CODE AMENDMENT DEVELOPMENT

| Tracking | Applicable Code |
|--------------------------|---|
| Date Received: - | Applicable Code Section(s): CBC Ch. 11B, Sect. 11B-812.8.1 |
| DSA Tracking Number: N/A | Topic: Identification signs for EVCS |
| Date Reviewed: 12/14/16 | |
| Status: CAC Item | |

Current Code Language

11B-812 Electric vehicle charging stations...

11B-812.8 Identification signs. *EVCS identification signs shall be provided in compliance with Section 11B-812.8.*

11B-812.8.1 Four or fewer. *Where four or fewer total EVCS are provided, identification with an International Symbol of Accessibility (ISA) shall not be required.*

Suggested Text of Proposed Amendment

11B-812 Electric vehicle charging stations...

11B-812.8 Identification signs. *EVCS identification signs shall be provided in compliance with Section 11B-812.8.*

11B-812.8.1 Four or fewer. *Where four or fewer total EVCS are provided, identification with an International Symbol of Accessibility (ISA) and signs identifying van accessible spaces shall not be required.*

Code Text if Adopted

11B-812 Electric vehicle charging stations...

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11B-812.8.1 Four or fewer. *Where four or fewer total EVCS are provided, identification with an International Symbol of Accessibility (ISA) and signs identifying van accessible spaces shall not be required.*

Rationale

Existing provisions do not require an ISA to be provided at the van accessible EVCS when four or fewer EVCS are provided at an EV charging facility. This amendment clarifies that a "van accessible" sign is also not required when four or fewer EVCS are provided at an EV charging facility.

While an ISA and “van accessible” signage is not required for small scale installations of four or fewer EVCS, full compliance with the other technical provisions for accessibility are still required. This includes a van accessible vehicle stall, access aisle, overhead clearance, surface slopes less than 1:48, an accessible route to the EV service equipment and to the facility entrance. Deferring the requirements for an ISA and a “van accessible” sign until five or more EV charging spaces are provided makes the initial van accessible EVCS available to all drivers. This encourages small scale EVCS installations while also providing for the required accessibility.

For installations with five to twenty-five vehicle charging spaces, designation of the van accessible EVCS with an ISA and a “van accessible” sign is required and an additional standard accessible EVCS, available to all drivers, must also be provided. Under the California Vehicle Code the use of an EVCS designated with an ISA is restricted to vehicles displaying special license plates or a distinguishing placard. For installations with twenty-six or more EVCS all the required van accessible EVCS must be designated with an ISA and a “van accessible” sign; all standard accessible EVCS must be designated with an ISA.

Comments

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